Docket No.: HOFFMANN-7 Appl. No.: 10/596,030

AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS

- 1.-11 (Canceled)
- 12. (Canceled)
- 13. (Currently amended) The electric machine propulsion vehicle of claim [[12]] 18, wherein the section covers sections cover 60° of a circumferential area of the laminations.
- 14. (Canceled)
- (Currently amended) The electric machine propulsion vehicle of claim [[12]]
 wherein the rotor has permanent magnets.
- (Currently amended) The electric machine propulsion vehicle of claim [[12]]
 wherein the rotor has at least one induction cage.
- 17. (Currently amended) The electric machine propulsion vehicle of claim [[12]] 18, wherein the stator has a gapped tooth coil winding.
- 18. (Currently amended) An electric propulsion vehicle, comprising:
 - a vehicle body;
 - a wheel set mounted to the vehicle body; and

an electric machine according to claim 12 operatively connected to the wheel set for mobility of the wheel set on rails, said electric machine including a rotor, a stator spaced from the rotor by an air gap and formed by a plurality of laminations having axial slots and teeth extending between adjacent slots in a direction of the air gap, wherein the laminations have two

Docket No.: HOFFMANN-7 Appl. No.: 10/596,030

sections configured without slots while following a contour of a stator bore in the area of the air gap and positioned in circumferential direction of the stator in opposing relationship between the vehicle body and the rails; and pre-fabricated tooth coils placed about at least a predefined number of teeth.